



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 449B/PTO

(use as many sheets as necessary)

Application Number	10/642,749
Filing Date	08/19/2003
First Named Inventor	Kinji KAYANUMA
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	017344-0326

Attorney Docket Number	017344-0326
------------------------	-------------

[illegible][illegible]

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ^o

Date
Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 29, 2005 (Use as many sheets as necessary)		Complete If Known	
		Application Number	10/642,749
		Filing Date	08/19/2003
		First Named Inventor	Kinji KAYANUMA
		Group Art Unit	2631
		Examiner Name	Ghayour, Mohammed H.
		Attorney Docket Number	017344-0326

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/KCT/	A1	US2005/0156760	A1	Nakagawa et al.	07/21/2005	
/KCT/	A2	US2005/0162291	A1	Nakagawa et al.	07/28/2005	
/KCT/	A3	US2005/0162290	A1	Nakagawa et al.	07/28/2005	
/KCT/	A4	6,879,637	B1	Nakagawa et al.	04/12/2005	
/KCT/	A5	5,917,857		Tanaka et al.	06/29/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/KCT/	A6	JP	7-240691	A	Victor Co. of Japan	09/12/1995		Abs
/KCT/	A7	JP	2000-68846	A	Sony Corp.	03/03/2000		Abs
/KCT/	A8	JP	9-162744	A	Matsushita Electric Ind. Co. Ltd.	06/20/1997		Abs
/KCT/	A9	JP	11-177431	A	Sony Corp.	07/02/1999		Abs

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature

/Khanh Tran/ (03/29/2007)

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.